



Growth of science in Karl Raymond Popper (1902- 1994)'s perspective

Course:

Research Methodologies and Methods

BY: Dr. Mohammad Samiei

ARTICLE BY:

Seyed Mostafa Mostafavi - M.A Student in Indian Studies

Faculty of world studies - University of Tehran

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In the name of God the munificent the merciful

Mr Popper's perspective on Growth of science is positioning in his "Critical rationalism" principals that believes any particular Expression of truth is *fallible, limited, and not final*. So as science are standing on their theories that should be standpoint for their going forward, Popper's viewpoint makes a shaky position in sciences in every time. "Falsifiability" characters for any theory that expected by him, shows at the most undisputable area of any new-come theory, also sciences have no stability and validity, it means move to new and new stage with no imaginable stable stage. Induction as way of finding truth is not suitable for scientists same as the past. Thus human knowledge is evaluates just as hypotheses and habits... and trying for replace them by criticism is on-going process by its explainer as a necessary character in popper's points of view, but falsity of the theory from empirical evidence can be done. Human knowledge is recognised as results of past observations. The correspondent between a law and truth is a challenge that comes to the eye of popper's followers and it is questionable always. We cannot rely on any theory, and among available theories in any sciences we should prefer the best tested one that good reasons in favour it make it expectation able more, but it's a fact that there is no absolute reliance on any theory and the most reliable theory should be choose as basis of action, but at the same time critical rationalism is should be going on also. Thus as it is clear sciences just shifted from one preferred theory to another preferred one, and this is a semi-circle-form of human knowledge. Any stages are same as a camp and we can stay but we should use critical rational method and try to pass forward.